jacto

KTR 3500



KTR 3500

EFFICIENT HARVESTING WITH **JACTO'S QUALITY STANDARD**

KTR 3500 was designed based on the Brazilian coffee growing reality for farmers who seek more outstanding production daily with excellent harvesting efficiency.

Adapted to the most severe working conditions coffee growing requires, **KTR 3500** provides operating cost reduction and **faster** and more **efficient** harvesting. Quality for coffee berries combined with productivity in operations, without giving up **comfort** and **safety**.







SAFE HARVESTING ON TILTED TERRAINS

PERFECT TILTING ADJUSTMENT FOR OPERATIONS ON UNEVEN TERRAINS

Operations on terrains with up to **20%** slope with high efficiency and cost reduction ensured by mechanical harvesting.

Lower gravity center, more effortless leveling adjustment, and machine positioning according to plant sizes and terrain conditions.

JACTO'S VIBRATING SYSTEM

High technology and quality materials deliver excellent durability, up to **97%** harvesting efficiency – even of small plants - and outstanding cost-benefit advantages combined with the low rate of coffee berries lost to the ground.

The exclusive vibrating system operates at speeds up to **2.5 km/h** in selective harvests.

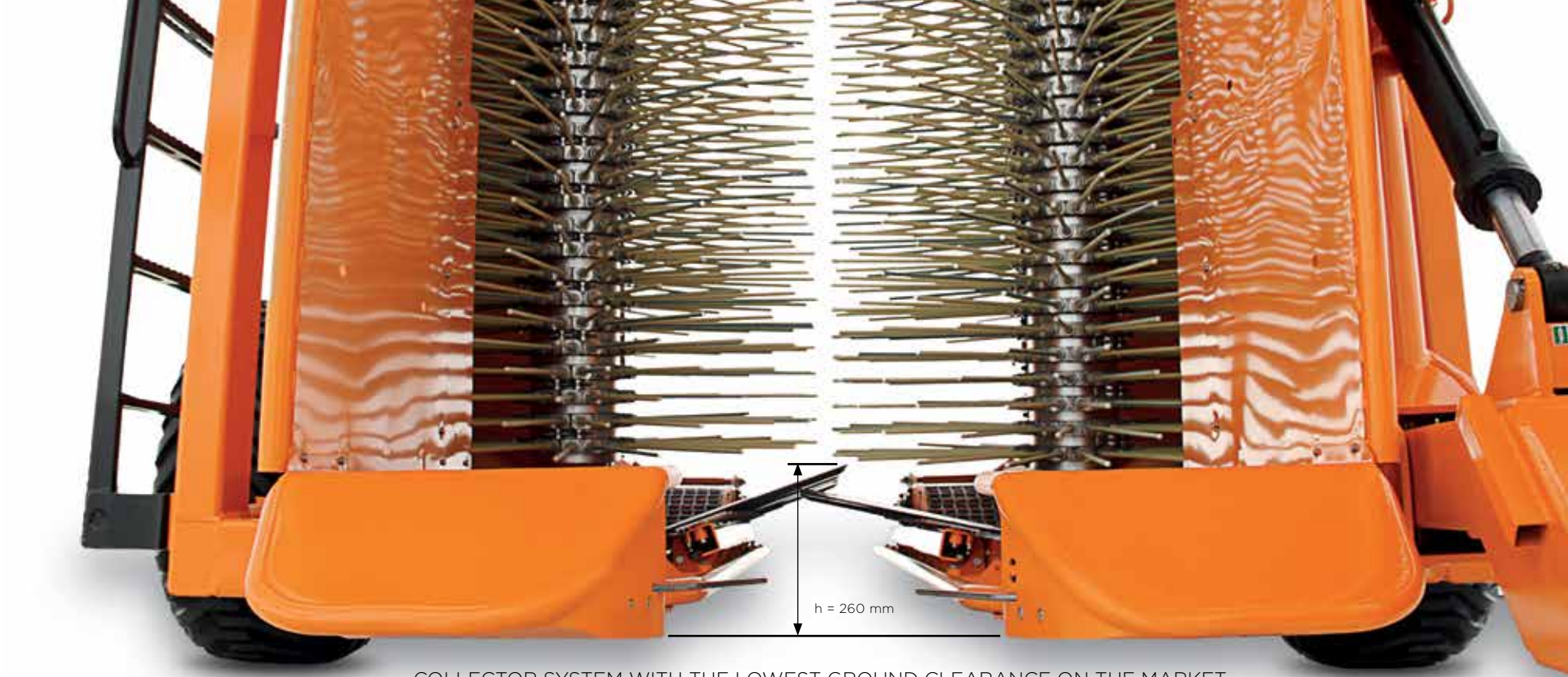
It's more agility and quality in operations!

And more: reducing manual stripping frees the plant earlier for new blooms, avoids coffee losses to the ground, and increases crop productivity.





Opening and closing adjustment of the vibrating system enables harvesting different plant sizes and new and adult crops.



COLLECTOR SYSTEM WITH THE LOWEST GROUND CLEARANCE ON THE MARKET

UP TO **50%** OF REDUCTION OF COFFEE BERRIES LOST TO THE GROUND.

Outstanding features reduce coffee berry losses **BY HALF**: 260-mm collector blades + set of minimum height indicators + autonomous steering system + height indicators = perfect blade closing to prevent harvested coffee berries from falling to the ground.

CLEAN AND IMPURITY-FREE COFFEE BERRIES



CLEANING SYSTEM

1st step:
The retractable blades close below the coffee plant skirt, and the harvested berries fall directly to the horizontal conveyor, where the leaves and branches are first separated by the “leaf agitators” agitation.

2nd step:
The extractor fan system removes fine impurities to make harvested coffee berries cleaner and ready to be received and processed in the post-harvesting structure.





KTR 3500 HARVESTS IN DIFFERENT CROP SPACING

Perfect adaptation to different crop row spacings: the working angle of the discharge conveyor can vary from **0** to **90°**.

Easy daily work: all regulating and unloading operations are done by localized commands on the control panel next to the operator.

NEW TANK. NONSTOP HARVESTING

KTR 3500's innovative system allows the unloading of stored coffee berries without interrupting harvesting and provides savings on machines accompanying the harvester.

Unloading only starts when the tank is complete, the tractor approaches, and activation is quick and accurate.

Fewer costs and more operational efficiency for coffee plantations!

SOLUTIONS FOR PRECISION AGRICULTURE

Technologies that help make operations easier and improve crop performance and quality.

Discover **OTMIS**, **Jacto's Precision Agriculture brand**: products, information, and services that make farming more accurate, economical, sustainable, and profitable.





CAMERA POSITIONS

KTR 3500 has **three cameras**, which help align the machine to the plant, position the discharge conveyor, and control the tank level.

HIGHER PERFORMANCE AND SAFETY



HYDRAULIC TOWBAR

The harvester height is easily and precisely adjusted to reduce coffee berries' losses and ensure excellent safety on uneven terrains.



CONTROLS CLOSE TO THE OPERATOR

Operators can act faster and more effectively with the control panel and camera monitor closer to them.



AUTOMATIC STEERING SYSTEM

More comfort and precision in aligning the harvester to crop rows reduces the loss of coffee berries.



HIGH FLOTATION TIRES

Low soil compaction and higher stability to the harvester.



KTR 3500 | TECHNICAL SPECIFICATIONS

HARVESTING

PLANT SIZE

Plant height	1.20 to 4.50 m
Diameter	Up to 2.20 m
Harvesting free height	3.50 m

VIBRATING SYSTEM

Type	Eccentric masses
Nº of rods	1,296
Opening adjustment	110 mm
Maximum opening	70 mm
Rotation	Up to 1,000 rpm
Harvesting efficiency	Up to 97%

COLLECTOR SYSTEM

Type	Retractable blades
Height	260 mm

CONVEYORS

Type	Chains
Slats	Perforated metal and plastic
Unloading	Angular

CLEANING SYSTEM

Pre-cleaning	Collector system with leaf agitator
Main system	Extractor fan

DISCHARGE CONVEYOR

Plant height	Up to 4.5 m
Minimum row spacing	2.8 m

COMPUTER

Model	JSM café

PERFORMANCE

Harvesting speed	0.5 a 2.5 km/h
Harvesting capacity	Up to 14.000 l/h

COFFEE TANK

Capacity	1,800 l

VEHICLE

STEERING

Steering system	Hydraulic (towbar)

HEIGHT ADJUSTMENT AND LEVELING

Hydraulic towbar longitudinal adjustment	15%
Lateral compensation	19%

RECOMMENDATION FOR USE

Maximum terrain slope	Up to 20%
Travel speed	Up to 15 kmh/h

TIRES

High flotation	500/60-22.5/12PR
Pressure	35 psi

ELECTRICAL SYSTEM

Battery (tractor)	12 V
Required power	600 VA

DIMENSIONS

Maximum height (retracted suspension)	4.35 m
Transport height (retracted suspension)	4.00 m
Total width (harvesting)	3.96 m
Total width (transport)	3.20 m
Track width	3.48 m
Turning radius	5.72 m
Length (w/ bulk carrier)	5.95 m

OTMIS PRECISION AGRICULTURE

- Agricultural cameras

COFFEE HARVESTER

KTR 3500

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jacto.com

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JACTO CUSTOMER SERVICE

Monday to Friday 6 AM to 7 PM;
on Saturdays, from 8 AM to 12 PM
and from 1 PM to 5 PM on Sundays
and holidays, from 8 AM to 12 PM.

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CONSÓRCIO JACTO

Consórcio Jacto is an intelligent and practical way to program the purchase of new machines from several lines and models with safety and much lower rates than financing rates.

Protect the environment. When discarding this brochure, do not litter the streets.

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